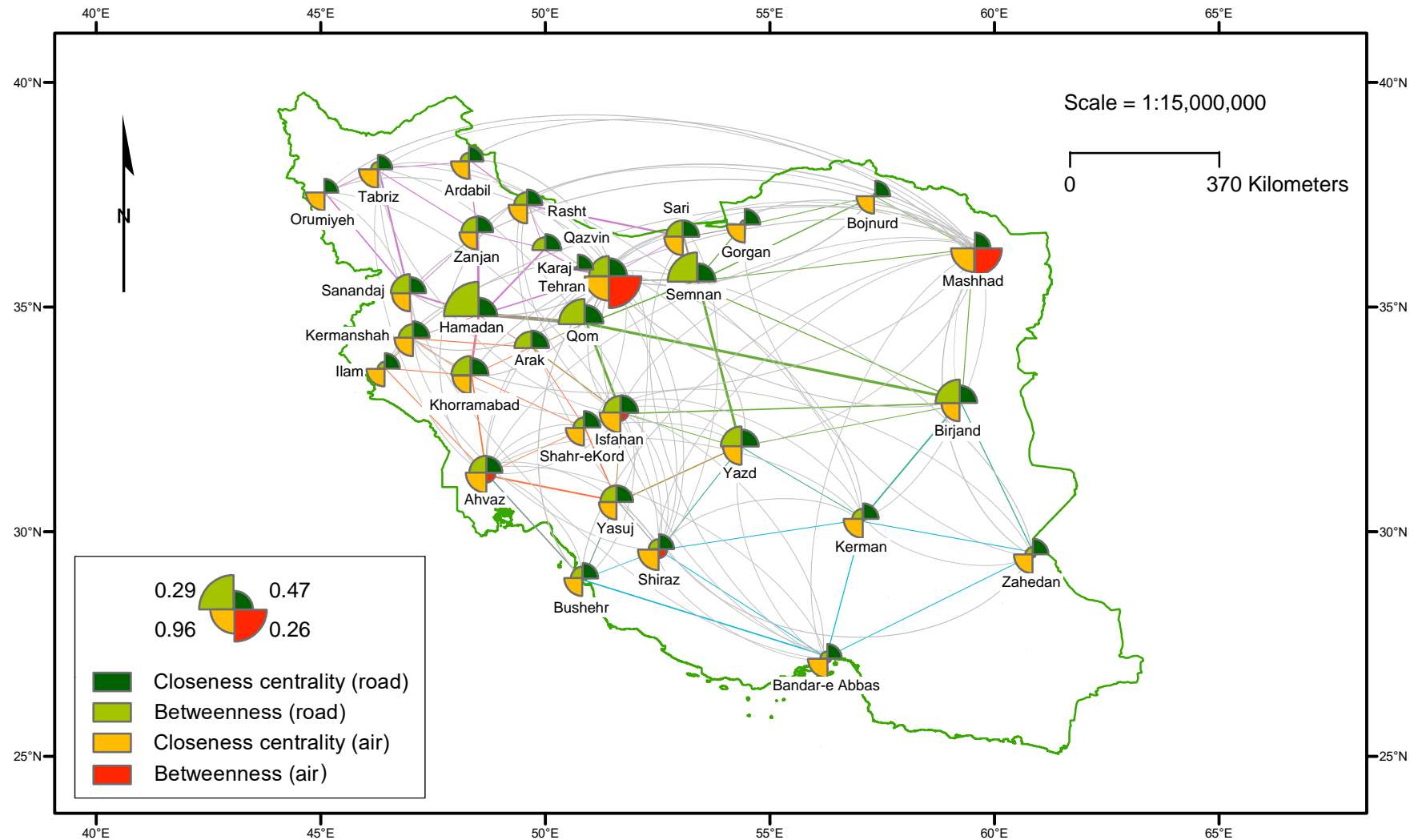


Centrality Measures of Iran's Province Capitals Based on Road and Air Connections

Rahim Berdi Annamoradnejad¹, Issa Annamoradnejad²

¹Department of Geography, University of Mazandaran, Babolsar, Iran

²Department of Computer Engineering, Sharif University of Technology, Tehran, Iran



Notes:

1. Each node is divided into four parts, size of each part is proportional to one centrality measure.
2. Edge width is proportional to Betweenness centrality of that edge.
3. Roads are depicted as straight colored edges and their color reflects the modularity class of the cities, based on Community Detection algorithm.
4. Air routes are depicted as curvy gray lines.
5. The World Geodetic System used is WGS1984.
6. Intercity connections data are collected by the authors as detailed in the accompanying text.